



Alternative Fuel Toolkit for Local Governments, Fleet Managers, and Employers Workshop

Organized by: South Coast Air Quality Management District (SCAQMD)

Wednesday, May 7, 2014 | 8:00 a.m. – 10:30 a.m.



SCAQMD organized an alternative fuels/statewide CEO level workshop to bring together current knowledge on best practices on permitting and installation for alternative fuel infrastructure, including CNG/LNG, electric, and hydrogen fuels. The ACT Expo is an event that SCAQMD has sponsored since its inception because this conference is uniquely geared to the needs of fleet managers, local governments and employers to find information on alternative fuel technologies and help organizations assess if they can adopt alternative fuels into their fleet and/or fueling strategies. This is accomplished through a combination of hands-on demonstrations, networking opportunities, information sessions, offsite tours, best practice case studies, and alternative fuel toolkit workshops such as the one hosted by SCAQMD on behalf of California's DOE Clean Cities Coalitions and the DOE funded *California Fleets and Workplace and Alternative Fuels Project*. Almost 90 attendees participated in the alternative fuels workshop which represented the second statewide CEO level workshop of the project (the first workshop being *Drive the Dream* at the Exploratorium in San Francisco), and which was hosted at one of the major alternative fuel conferences in the United States, drawing more than 4,400 attendees from six continents and 700 fleets.

Successful outcomes from the workshop include:

- Dissemination of practical information for fleet managers and employers regarding permitting and installation issues in installation CNG, LNG, electric, or hydrogen infrastructure
- Presentation of case studies on best practices and successful CNG, LNG, electric or hydrogen infrastructure installations
- Discussion of practical issues and how they were able to implement alternative fuel vehicles and infrastructure into their fleet by City fleet managers
- Presentation of the PEV readiness plan for Southern California by the UCLA Luskin Center, which won the 2013 Planning Excellence Award by the American Planning Association, Los Angeles chapter
- Question and answer among participants

- Dissemination of alternative fuel toolkit on a flash drive for all workshop participants (once CNG/LNG best practices is approved by DOE)
- Additional opportunities for fleet assistance and interaction through a series of follow-up workshops and webinars hosted by the six Southern California Clean Cities Coalitions (Antelope Valley, Coachella Valley, Long Beach, Los Angeles, Southern California, and Western Riverside) in the summer and fall of 2014
- SCAQMD was one of the sponsors for the ACT Expo 2014 and ran a one page ad to appeal to fleets to embrace alternative fuel vehicles and infrastructure to reap the benefits of a customized clean fleet strategy of greater fuel economy, lower energy costs, emission reductions, and enhanced community image (see ad below):

An open secret about ACT Expo 2014:

It's about your fleet.

For fleet professionals, this year's ACT Expo is about a lot more than the latest clean technologies -- it's about scores of opportunities to acquire the best contacts, information, and assistance so that your fleet can reap the benefits of a customized clean fleet strategy: improved fuel economy, greater security in energy costs, reduced unhealthful emissions, and enhanced community image.

When it comes to clean fleets, one size rarely fits all. If you're considering advanced alternative fuels for your fleet operations, you deserve procurement solutions that work for your fleet circumstances -- and that fit your particular vehicle purposes, duty cycles, capital & operating budgets, and durability requirements.



ACT EXPO2014—ALTERNATIVE FUEL TOOLKIT FOR LOCAL GOVERNMENTS, FLEET MANAGERS AND EMPLOYERS
(workshop geared to fleet managers and Clean Cities Coalitions, disseminate information on electric, hydrogen, and CNG/LNG best practices developed this year through the DOE alt fuels grant, BAAQMD lead agency)

Takeaway: alt fuel toolkit on flash drive

WEDNESDAY MAY 7, 2014 8:00 AM – 10:30 AM

Introduction/Welcome to Local Governments, Clean Cities Coalitions, Fleet Managers, and Employers
Linda Bluestein and Brett Aristegui, DOE Clean Cities Program

8:05 AM – 8:50 AM CNG/LNG Infrastructure Deployment Best Practices and Examples

Invited Panelists:

- **Best Practices in CNG/LNG Permitting and Installation**, John Dimmick, Clean Vehicle Education Foundation, Director of Technology
- **Successful CNG/LNG Infrastructure Deployments**
 - Chuck White, Waste Management
 - Martin Bowman, City of Riverside Fleet Operations Manager
 - Rick Sikes, City of Santa Monica Fleet Superintendent

8:55 AM – 9:40 AM Electric Infrastructure Deployment Best Practices and Examples

Invited Panelists:

- **Southern California PEV Readiness Plan**, Brett Williams, UCLA Luskin Center
- **Successful PEV Infrastructure Case Studies**, Enid Joffe, Clean Fuel Connection

9:45 AM – 10:30 AM Hydrogen Infrastructure Deployment Best Practices and Examples

Invited Panelists:

- **Best Practices in Hydrogen Permitting and Installation**, Tyson Eckerle, California Governor's Office of Business and Economic Development
- **Successful Hydrogen Infrastructure Deployments**
 - Ari Omessi, City of Burbank Assistant Public Works Director--City of Burbank
 - Carl Baust—Orange County Fire Authority
 - Dan Poppe—Hydrogen Frontiers
 - Chris White—California Fuel Cell Partnership